

# Monohybrid Cross Worksheet

Name \_\_\_\_\_

Period \_\_\_\_\_

## Part A: Vocabulary

Match the definitions on the left with the terms on the right.

- |  |                 |
|--|-----------------|
| _____ 1. genotypes made of the same alleles                  | A. alleles      |
| _____ 2. different forms of genes for a single trait         | B. dominant     |
| _____ 3. gene that is always expressed                       | C. heterozygous |
| _____ 4. gene that is expressed only in the homozygous state | D. homozygous   |
| _____ 5. genotypes made of two different alleles             | E. recessive    |

Below each of the following words are choices. Circle the choices that are examples of each of those words.

6. Dominant allele  
 D e k L N n R S
7. Recessive allele  
 M n d F G r k P
8. Homozygous dominant  
 AA Gg KK mm uu Rr TT
9. Homozygous recessive  
 ee Ff HH Oo qq Uu ww
10. Genotypes in which dominant gene must show  
 AA Dd EE ff Jj RR Ss
11. Genotypes in which recessive gene must show  
 aa Gg Ff KK rr Oo Tt

## Part B: Punnett Squares

12. Examine the following Punnett squares and circle those that are correct.

	D	d
d	Dd	dd
d	Dd	dd

	D	D
d	Dd	DD
d	Dd	Dd

	A	a
A	AA	aa
a	Aa	Aa

	A	a
a	Aa	aa
a	Aa	aa

13. What do the letters on the outside of the Punnett square stand for? \_\_\_\_\_